		Eng-m 8-1,
		0
Chief, Telecommunications Transchniques Staff, GC	ining and	5 December 1958
Chief, Engineering Staff, GC		
Equipment		
	· Carlotte	
1. A study was conducted to decompared to the modified 231-D25 and increase in circuit reliabilities.	0 10KW transmitter.	
2. From propagation prediction		
ermined. The circuit data for		
Type of Service Type of Ground Transmitter Power Transmitting Antenna	Poor 10KV (231-D) and "A" Rhombic	
Receiving Antennas Hoise Grade	"A" Rhombics dual 2.5 (Nov., Dec., 3.0 (May, June, J	Jun.)
attachment indicates the number cossible for extremes in sunspot	r of hours per day w	then communications
	r of hours per day w t numbers. amplifier plus en e We will appreciate y e incressed transmis	exciter modified for your opinion as to saion time provided
3. The cost of a 400% linear operation is about \$70,000. Since your operation requires the	r of hours per day w t numbers. amplifier plus en e We will appreciate y e incressed transmis	exciter modified for your opinion as to saion time provided
3. The cost of a 400% linear operation is about \$70,000. Since your operation requires the	r of hours per day w t numbers. amplifier plus en e We will appreciate y e incressed transmis	exciter modified for your opinion as to saion time provided
3. The cost of a 400% linear operation is about \$70,000. Sher your operation requires the 400% amplifier in light of the 4000% amplifier in light of the 400% amplifier in light of the 4000% amplifier in light of the 4	r of hours per day we the numbers. amplifier plus an end will appreciate ye increased transmistible extra cost involution.	exciter modified for your opinion as to saion time provided

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Path Between November, December, January 6 1/2 hours 10KW SSN 7 1/2 hours HOKW 0 SSN 18 3/4 hours 10KW SSN 120 22 1/4 hours 4OKW SSN 120 May, June, July 13 1/4 hours 10KW SSN 0

HOKW

TOKA

4OEO

120

120

SSN

SSN

SSN

15 3/4 hours

19 3/4 hours

22 1/4 hours

CONFIDENTIAL

25X1